

What is claimed is:

1. An emergency informing terminal mounted on a vehicle for making an emergency call to an emergency call center in case of emergency, comprising:

5 a terminal main body, and

a peripheral device connected to the terminal main body and incorporated in part of the terminal main body.

2. The emergency informing terminal of claim 1,
10 wherein said peripheral device is a microphone for acquiring a transmission voice signal for hands-free conversation.

3. The emergency informing terminal of claim 1,
15 wherein said peripheral device is a speaker for sounding a reception voice signal for hands-free conversation.

4. The emergency informing terminal of claim 1,
wherein said peripheral device is a communication antenna for processing at least one of data communication and conversation, between the
20 emergency informing terminal and the emergency call center.

5. The emergency informing terminal of claims 1 or 4,
wherein said peripheral device is a primary antenna used in a transmission and reception process.

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6. The emergency informing terminal of claims 1 or 4,
wherein said peripheral device is a secondary antenna used in

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a signal showing an air pressure change.

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Figure 1. The 12 test items of the TAP test.

13. The emergency informing terminal of claim 1,
wherein said peripheral device is a gyro sensor.

5 14. An emergency informing terminal comprising:

a) a terminal main body, and

b) a peripheral device connected to the terminal main body and
incorporated in part of the terminal main body including at least one of

voice signal transmitting means for hands-free conversation,

10 radio communication signal transmitting means for making
radio communications between the emergency informing terminal and the
emergency call center,

display means for transmitting an operating state of the
emergency informing terminal to a user,

15 emergency informing means for starting emergency informing
process,

dial operation means for making a telephone call,

shock detecting means for generating a signal showing
application of a shock,

20 air pressure measuring means for generating a signal showing
an air pressure change, and

position information acquiring means for acquiring position
information from a satellite.

25 15. An emergency informing system comprising:

a) an emergency call center; and

b) an emergency informing terminal mounted on a vehicle for making

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5 incorporated in part of the terminal main body.

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[illegible]

Figure 1

(a) **Flowchart illustrating the study design.**

(b) **Flowchart illustrating the study design.**

(c) **Flowchart illustrating the study design.**

(d) **Flowchart illustrating the study design.**

(e) **Flowchart illustrating the study design.**

(f) **Flowchart illustrating the study design.**

(g) **Flowchart illustrating the study design.**

(h) **Flowchart illustrating the study design.**

(i) **Flowchart illustrating the study design.**

(j) **Flowchart illustrating the study design.**

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(v) **Flowchart illustrating the study design.**

(w) **Flowchart illustrating the study design.**

(x) **Flowchart illustrating the study design.**

(y) **Flowchart illustrating the study design.**

(z) **Flowchart illustrating the study design.**

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Figure 1

(a) **Preparation of the polymer electrolyte membrane.** The diagram shows the steps from monomers to the final membrane. Monomers are reacted with a catalyst to form a polymer chain. This chain is then cross-linked to form a network. The network is further processed to form a membrane. The membrane is then tested for its properties.

(b) **Electrochemical performance of the polymer electrolyte membrane.** The graph plots current density (mA cm^{-2}) against potential (V). The curve shows a sharp increase in current density at approximately 0.8 V, indicating the onset of electrocatalytic activity. The inset shows the linear sweep voltammogram (LSV) curves for different scan rates, demonstrating the reproducibility of the electrocatalytic process.

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21. The emergency informing system of claim 15,
wherein said peripheral device is a lighting device, display, or
indicator for transmitting an operating state of the emergency informing
terminal to the user.

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22. The emergency informing system of claim 15,
wherein said peripheral device is an emergency informing button to
start an emergency informing process as being pressed by an user in case of
emergency.

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23. The emergency informing system of claim 15,
wherein said peripheral device is a dial operation unit for making a
telephone call to a desired telephone number.

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24. The emergency informing system of claim 15,
wherein said peripheral device is a shock sensor for generating a
signal showing application of a shock.

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25. The emergency informing system of claim 15,
wherein said peripheral device is an air pressure sensor for generating
a signal showing an air pressure change.

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26. The emergency informing system of claim 15,
wherein said peripheral device is a GPS antenna for acquiring a signal
from a GPS satellite.

27. The emergency informing system of claim 15,

28. The emergency informing system comprising:

5 b) an emergency informing terminal mounted on a vehicle for making
an emergency call to an emergency call center in case of emergency,

- i) a terminal main body, and

10 incorporated in part of the terminal main body including at least one of
voice signal transmitting means for hands-free conversation,

radio communication signal transmitting means for making communications between the emergency informing terminal and the

display means for transmitting an operating state of the forming terminal to a user,

emergency informing means for starting emergency informing
process,

shock detecting means for generating a signal showing a shock,

air pressure measuring means for generating a signal showing
an air pressure change, and

25 position information acquiring means for acquiring position
information from a satellite.